

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



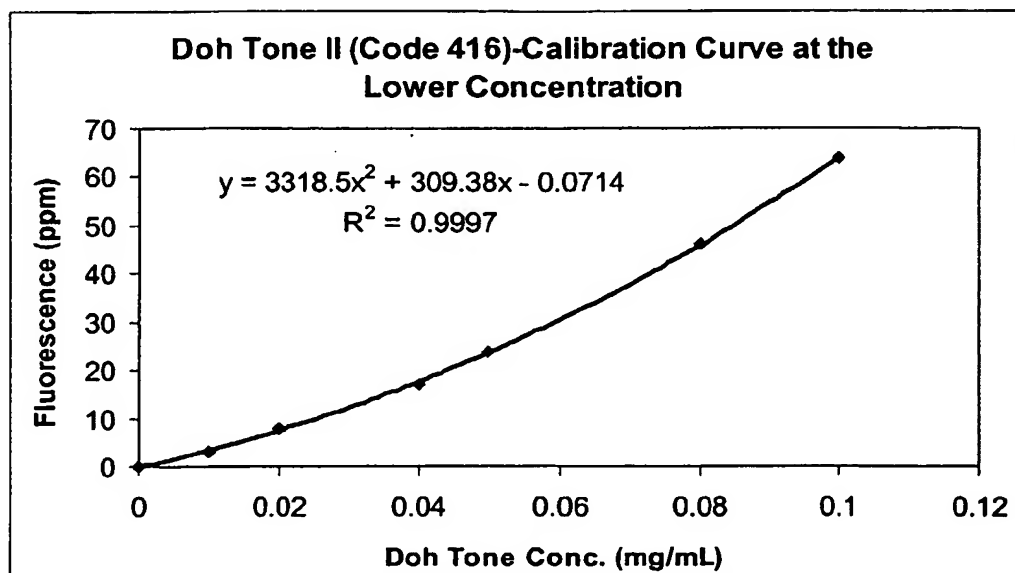
(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/020970 A2

- (51) International Patent Classification⁷: **G01N**
- (21) International Application Number: **PCT/US2003/026084**
- (22) International Filing Date: 18 August 2003 (18.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/230,969 29 August 2002 (29.08.2002) US
- (71) Applicant (for all designated States except US): **VICAM, L.P.** [US/US]; 313 Pleasant Street, Watertown, MA 02472 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **COHEN, Barb, Ariel** [US/US]; 125 Coolidge Avenue #803, Watertown, MA 02472 (US). **POWERS, Stephen, P.** [US/US]; 6204 Stearns Hill Road, Waltham, MA 02451 (US). **FAN, Kesuo** [CN/US]; 5 Warren Street, Suite #2, Arlington, MA 02474 (US).
- (74) Agent: **ANDERSON, Mary, Dilys; Wolf, Greenfield & Sacks, P.C.**, 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: α -AMYLASE ASSAY AND USES THEREOF



(57) Abstract: This invention relates to methods and kits for measuring α -amylase activity in samples such as flour, stock, or amylase concentrate.